

Title (en)

Method for manufacturing light emitting diodes

Title (de)

Verfahren zur Herstellung von Leuchtdioden

Title (fr)

Procédé pour la manufacture des diodes électroluminescentes

Publication

**EP 1734592 A2 20061220 (EN)**

Application

**EP 06290985 A 20060616**

Priority

KR 20050051671 A 20050616

Abstract (en)

A method for manufacturing the LEDs is disclosed, whereby the light extraction efficiency of the device can be enhanced by forming patterns on a top surface of a substrate, a light emitting structure is formed on the top surface of the substrate formed with the patterns, the substrate is removed from the light emitting structure, and patterns corresponding to those formed on top surface of the substrate are formed on the surface of the light emitting structure.

IPC 8 full level

**H01L 33/00** (2006.01); **H01L 33/32** (2010.01); **H01L 33/42** (2010.01)

CPC (source: EP US)

**H01L 33/0093** (2020.05 - EP US); **H01L 33/22** (2013.01 - EP US)

Citation (applicant)

- WO 2005015648 A1 20050217 - EPIVALLEY CO LTD [KR], et al
- US 6562648 B1 20030513 - WONG WILLIAM S [US], et al

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EP1798780A3; EP2317574A3; US8698125B2; EP2858128B1; EP2003702A1; EP2940741B1

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**EP 06290985 A 20060616**; CN 200610093738 A 20060616; DE 602006018223 T 20060616; EP 10183454 A 20060616; JP 2006164196 A 20060614; JP 2010105176 A 20100430; KR 20050051671 A 20050616; US 45034306 A 20060612; US 80207307 A 20070518